

Recombinant Human EXOC3, GST-tagged

Cat. No. EXOC3-12586H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human EXOC3 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

Species Human

Source E.coli

ProteinLength 381-745a.a.

Description The protein encoded by this gene is a component of the exocyst complex, a multiple protein complex essential for targeting exocytic vesicles to specific docking sites on the plasma membrane. Though best characterized in yeast, the component proteins and functions of exocyst complex have been demonstrated to be highly conserved in higher eukaryotes. At least eight components of the exocyst complex, including this protein, are found to interact with the actin cytoskeletal remodeling and vesicle transport machinery. The complex is also essential for the biogenesis of epithelial cell surface polarity.

Storage The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

Storage Buffer 1M PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	EXOC3 exocyst complex component 3 [Homo sapiens]
Official Symbol	EXOC3
Synonyms	EXOC3; exocyst complex component 3; SEC6 like 1 (S. cerevisiae) , SEC6L1; Sec6p; SEC6-like 1; Sec 6 homolog; exocyst complex component Sec6; SEC6; SEC6L1;
Gene ID	11336
mRNA Refseq	NM_007277
Protein Refseq	NP_009208
MIM	608186
UniProt ID	O60645
Chromosome Location	5p15.33
Pathway	Arf6 trafficking events, organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem; Insulin Pathway, organism-specific biosystem; Insulin Synthesis and Processing, organism-specific biosystem; Stabilization and expansion of the E-cadherin adherens junction, organism-specific biosystem; Tight junction, organism-specific biosystem;
Function	protein binding;

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